

Daily Report For 2016-06-22

Metal Bank

Sheetpile Repair
Cottman Avenue
Philadelphia, PA (US)
Report number: 3340011G-33
Date: June 22, 2016 01:59 PM

Status

6/22/2016 (Wednesday) - No material placement occurred today; results of the upland and bathymetric survey are currently being reviewed. Day 17 of Dock Welders on-site. The long-reach excavator was used to conduct restoration activities (smoothing Zone 2/Zone 3 material staging area), and assist welders with movement of equipment and material. Welders continued installation of pack-outs and fabrication/installation of remaining support brackets. CEI epoxy-coated the tie-rod extensions ahead of installation and tie-rod testing.

Details of Construction Activities

0630 to 0700 - Ramboll Environ (Eric Emery) and CEI on-site. Subcontractors for crane operation (Thackray) and Dock Welders also on-site.
0700 - CEI performed health and safety meeting.
0710 - Crews mobilized to work areas.
0710 to 1400 - Thackray crane operators remained on-site with the crane today; however, no material placement or other crane activity took place.
0720 to 1500 - Dock welders continued installation of pack-outs, and fabrication/installation of remaining waler support brackets.
0730 to 1500 - The long-reach excavator was used to continue restoration efforts in the Zone 2 and Zone 3 material staging area, and assist welders with moving welding generators and installation of the fourth and final waler support bracket.
0900 to 1200 - CEI epoxy-coated the tie-rod extensions ahead of installation and tie-rod testing.
1000 to 1130 - Ramboll Environ and CEI discussed the bathymetric/upland survey review process and subsequent demobilization activities. Ramboll Environ and RA Consultants will weigh in on completeness of material placement before crane demobilization occurs.
1200 to 1430 - Ramboll Environ and CEI discussed disposition options for the remaining crushed rock stockpile and are currently awaiting feedback from EPA and NOAA.
1530 - Ramboll Environ and CEI off-site.

The Week Ahead

The waler repair work schedule depends on the daily progress made. Projections beyond the next day are uncertain. Please check the schedule regularly, as changes are likely.

Thursday 6/23

Continue waler repair work
- Continue installation of shim welds/pack-outs
- Continue fabrication and installation of H-beam support brackets

Friday 6/24

Complete waler repair work (tentative)

Monday 6/27

Begin tie-rod testing (tentative)

Tuesday 6/25

Continue tie-rod testing

Wednesday 6/26

Continue tie-rod testing

The following activities will also take place over the next week, although the exact dates are unknown:

- Additional upland survey by Weber will occur a second time this week, likely Friday
- Demobilization and additional site restoration activities will begin following confirmation from upland and bathymetric survey that material placement is complete

Contacts and people present

Role and company name	Name	Contact information	Present	Sent
Oversight [Ramboll]	Eric Emery	609-961-1363 eemery@ramboll.com	✓	✓
Oversight [Ramboll]	Joe Vitale	jvitale@ramboll.com	✗	✓
Oversight [Ramboll]	June Yeung	609-977-5899 jyeung@ramboll.com	✗	✓
CEI Project Superintendent [Creamer Environmental, Inc.]	John Castellani	201-522-5089 jcastellani@creamerenvironmental.com	✓	✓
CEI Project Manager [Creamer Environmental, Inc.]	Gary Kowalski	201-376-7153 gkowalski@creamerenvironmental.com	✗	✓
Laborer [Creamer Environmental, Inc.]	Laborer 1		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 2		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 3		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 4		✗	
Regulator [USEPA]	Andrew Hass	hass.andrew@epa.gov	✗	✓
Ramboll Project Manager [Ramboll]	Nicholas Steenhaut	617-946-6109 nsteenhaut@ramboll.com	✗	✓
EPA Oversight [CDM Smith]	(b) (4)	(b) (4) @cdmsmith.com	✗	✓
EPA Oversight [USACE]	David Depolo	David.S.Depolo@usace.army.mil	✗	✓

EPA Oversight [CDM Smith]	(b) (4)	(b) (4) @cdmsmith.com	✗	✓
EPA Oversight [USACE]	Travis Fatzinger	Travis.T.Fatzinger@usace.army.mil	✗	✓
EPA Oversight [USEPA]	William Geiger	Geiger.William@epa.gov	✗	✓
Design Engineer [RAC]	Joe Caciola	joe@racllc.com	✗	✓
Design Engineer [RAC]	Walter Papp	walter@racllc.com	✗	✓
Operator [Creamer Environmental, Inc.]	Operator 1		✓	
Operator [Thackray Crane Rental, Inc.]	Operator 2		✓	
Operator [Creamer Environmental, Inc.]	Operator 3		✗	
Oiler 1 [Thackray Crane Rental, Inc.]	Oiler 1		✓	
Welder [Creamer Environmental, Inc.]	Welder 1		✓	
Welder [Creamer Environmental, Inc.]	Welder 2		✓	
Welder [Creamer Environmental, Inc.]	Welder 3		✓	

Visitors

No visitors today

Equipment On-Site

CASE CX250C Long Reach Excavator

CASE 821F Loader

CAROLINA SKIFF 19DLX Boat

American 9310 Lattice Boom Crane (equipped with grappler; clamshell bucket removed but still on-site)

Welding Equipment (welding generators, gas canisters, etc.)

Material Tracking


No material was delivered today, and no material was placed today. CEI will reassess material needs following results of the bathymetric and

upland survey. No turbidity monitoring results provided today because no material was placed in the river.

A total of 5059.61 tons of R6 stone has been delivered and placed to date. CEI completed material placement on 6/17, with extra stockpiled material placed in low areas in Zone 3 on 6/20.

The need for additional R6 stone will be determined by the results of the bathymetric plus upland surveys. Results should be available this week.

Observations

Remark	Description	Assignee(s):
Tie-Rod Testing		
<p>✓ Preparation of tie-rod extensions [33.1]</p> <p>June 22, 2016</p>	<p>(see pics below)</p>  <p>CEI epoxy-coating tie rod extensions</p>	
Sheet Pile Wall		
<p>✓ <u>Dock Welders continuing waler repair [17.1]</u></p> <p>June 22, 2016</p>	<p>Dock welders continue waler repair activities.</p>	<p>John Castellani Walter Papp</p>



Welders prepare for installation of water support bracket (facing E)



View of support bracket welding (approximately 2" every 6")



Installation of fourth and final water support bracket (facing E)

Site Restoration

✓ Preliminary site restoration activities [33.2]

June 22, 2016

(see pics below)



Regrading Zone 2 / Zone 3 material staging area (facing NE)



Regrading Zone 1 / Zone 2 material staging area (facing W)

Testing and Monitoring

Monitoring and survey data will be provided as it becomes available. No turbidity monitoring was conducted today.

Documents

Description	Status	Date	Responsible
Baseline Bathymetric Survey	Received	05/09/2016	John Castellani
Baseline Wall Survey	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/10/2016	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/09/2016	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/10/2016 (Revised)	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/12/2016	Received	05/12/2016	John Castellani
Turbidity Monitoring 05/12/2016	Received	05/12/2016	John Castellani
Turbidity Monitoring 05/13/2016	Received	05/13/2016	John Castellani

Turbidity Monitoring 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/13/2016	Received	05/13/2016	John Castellani
Wall and Rip Rap Survey 5/16/16	Received	05/16/2016	John Castellani
Turbidity Monitoring 05/17/2016	Received	05/17/2016	John Castellani
Turbidity Monitoring 05/18/2016	Received	05/18/2016	John Castellani
Stone Delivery Tickets 05/19/2016	Received	05/19/2016	John Castellani
Turbidity Monitoring 05/19/2016	Received	05/19/2016	John Castellani
Turbidity Monitoring 5/20/2016	Received	05/20/2016	John Castellani
Stone Delivery Tickets 5/20/2016	Received	05/20/2016	John Castellani
Sheetpile and Rip Rap Survey 5/19/2016	Received	05/19/2016	John Castellani
Stone Delivery Tickets 05/23/2016	Received	05/23/2016	John Castellani
Turbidity Monitoring 05/23/2016	Received	05/23/2016	John Castellani
Sheetpile and Rip Rap Survey 5/23/2016	Received	05/23/2016	John Castellani
Turbidity Monitoring 05/24/2016	Received	05/24/2016	John Castellani
Stone Delivery Tickets 05/24/2016	Received	05/24/2016	John Castellani
Turbidity Monitoring 05/25/2016	Received	05/25/2016	John Castellani
Turbidity Monitoring 05/26/2016	Received	05/26/2016	John Castellani
Stone Delivery Tickets 05/26/2016	Received	05/26/2016	John Castellani
Sheetpile and Rip Rap Survey 5/26/2016	Received	05/26/2016	John Castellani
Waste Manifest for Diesel Spill Cleanup Materials	Not yet received	05/25/2016	John Castellani
Turbidity Monitoring 05/27/2016	Received	05/27/2016	John Castellani
Stone Delivery Tickets 05/27/2016	Received	05/27/2016	John Castellani
Waler BOL 05/27/2016	Received	05/27/2016	John Castellani
Welder Qualification_Michael Gill	Received	05/31/2016	John Castellani

Turbidity Monitoring 05/31/2016	Received	05/31/2016	John Castellani
Stone Delivery Tickets 05/31/2016	Received	05/31/2016	John Castellani
Welder Qualification_Tyrone Livingston	Received	06/01/2016	John Castellani
Stone Delivery Tickets 06/01/2016	Received	06/01/2016	John Castellani
Turbidity Monitoring 06/01/2016	Received	06/01/2016	John Castellani
Sheetpile and Rip Rap Survey 6/1/2016	Received	06/01/2016	John Castellani
Sheet Pile and Rip Rap Survey 06/02/2016	Received	06/02/2016	John Castellani
Stone Delivery Tickets 06/02/2016	Received	06/02/2016	John Castellani
Turbidity Monitoring 06/02/2016	Received	06/02/2016	John Castellani
Turbidity Monitoring 06/03/2016	Received	06/03/2016	John Castellani
Stone Delivery Tickets 06/03/2016	Received	06/03/2016	John Castellani
Turbidity Monitoring 06/06/2016	Received	06/06/2016	John Castellani
Stone Delivery Tickets 06/06/2016	Received	06/06/2016	John Castellani
Sheetpile and Rip Rap Survey 6/6/2016	Received	06/06/2016	John Castellani
Welder Certification Jim Canoway	Received	06/07/2016	John Castellani
Stone Delivery Tickets 06/07/2016	Received	06/07/2016	John Castellani
Turbidity Monitoring 06/07/2016	Received	06/07/2016	John Castellani
Turbidity Monitoring 06/08/2016	Received	06/08/2016	John Castellani
Stone Delivery Tickets 06/08/2016	Received	06/08/2016	John Castellani
Turbidity Monitoring 06/09/2016	Received	06/09/2016	John Castellani
Stone Delivery Tickets 06/09/2016	Received	06/09/2016	John Castellani
Sheetpile and Rip Rap Survey 06092016	Received	06/09/2016	John Castellani
Stone Delivery Tickets 06/10/2016	Received	06/10/2016	John Castellani
Turbidity Monitoring 06/10/2016	Received	06/10/2016	John Castellani
Turbidity Monitoring 06/13/2016	Received	06/13/2016	John Castellani

Turbidity Monitoring 06/14/2016	Received	06/14/2016	John Castellani
Sheetpile and Riprap Survey 06/15/2016	Received	06/15/2016	John Castellani
Turbidity Monitoring 06/15/2016	Received	06/15/2016	John Castellani
Welder T&M Form 06/15/2016	Received	06/15/2016	John Castellani
Welder T&M Form 06/14/2016	Received	06/14/2016	John Castellani
Turbidity Monitoring 06/16/2016	Received	06/16/2016	John Castellani
Welder T&M Form 06/16/2016	Received	06/16/2016	John Castellani
Turbidity Monitoring 06/17/2016	Received	06/17/2016	John Castellani
Welder T&M Form 06/17/2016	Received	06/17/2016	John Castellani
Turbidity Monitoring 06/20/2016	Received	06/20/2016	John Castellani
Sheet Pile Wall Survey 6-20-16	Not yet received	06/20/2016	John Castellani
Bathymetric Survey 6-20-16	Not yet received	06/20/2016	John Castellani

General conditions

Disclaimer: Information contained in this Field Observation Report has been prepared to the best of our knowledge according to observable conditions at the site.